

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number						
		WAD980738546	1	1-800-424-9300	002544961 JJK						
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)									
Alaskan Copper Works 3200 Sixth Avenue South Seattle, WA 98124 Generator's Phone: 206 297 8370											
6. Transporter 1 Company Name		U.S. EPA ID Number			UTIC 8						
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address		U.S. EPA ID Number			AZD980735500						
World Resources Company 8113 West Sherman Street Tolleson, AZ 85353 Facility's Phone: 602 233 9183											
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes				
			No.	Type							
	1. RQ, NA 3077, Hazardous waste, solid, n.o.s. (F006), 9, III		002	CF	2867	P	F006				
	2.										
	3.										
4.											
14. Special Handling Instructions and Additional Information											
Use CHEMTREC company code "WRR"											
P.O.# 119599											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name		Signature		Month		Day		Year			
GERALD A. THOMPSON		[Signature]		5		22		08			
16. International Shipments		<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials		Transporter 1 Printed/Typed Name		Signature		Month		Day		Year	
		WILLIAM ROWELL		[Signature]		5		22		08	
		Transporter 2 Printed/Typed Name		Signature		Month		Day		Year	
18. Discrepancy											
18a. Discrepancy Indication Space		<input type="checkbox"/> Quantity		<input type="checkbox"/> Type		<input type="checkbox"/> Residue		<input type="checkbox"/> Partial Rejection		<input type="checkbox"/> Full Rejection	
18b. Alternate Facility (or Generator)		Manifest Reference Number:		U.S. EPA ID Number							
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator)		Month		Day		Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. 1120-11039		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name		Signature		Month		Day		Year			
DANNY VERGUEZ		[Signature]		05		27		08			

WORLD RESOURCES  
07:28AM 05/27/2008

GROSS 1284 lb  
TARE 77 lb  
NET 1207 lb

WORLD RESOURCES  
07:31AM 05/27/2008

GROSS 1585 lb  
TARE 77 lb  
NET 1508 lb

ACCUM 2714 lb  
05/27/2008 07:31AM

1.36  
Tons

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>WAD980738546</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>1-800-424-6300</b>	4. Manifest Tracking Number <b>002544961 JJK</b>			
5. Generator's Name and Mailing Address <b>Alaskan Copper Works 3200 Sixth Avenue South Seattle, WA 98124</b>				Generator's Site Address (if different than mailing address)				
Generator's Phone: <b>206-362-8370</b>								
6. Transporter 1 Company Name <b>EXPRESSWAY</b>				U.S. EPA ID Number <b>UTK000007708</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>World Resources Company 8113 West Sherman Street Tolleson, AZ 85353</b>				U.S. EPA ID Number <b>AZD980735500</b>				
Facility's Phone: <b>(602) 233-0166</b>								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	X	1. <b>RQ, NA 3077, Hazardous waste, solid, n.o.s. (F006), 9, III</b>		<b>CF</b>	<b>2867</b>	<b>P</b>	<b>F006</b>	
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information <b>Use CHEMTREC company code "WORR"</b> <b>P.O. # 117597</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name <b>James A. T...</b>			Signature <i>[Signature]</i>		Month <b>5</b>	Day <b>22</b>	Year <b>08</b>	
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
TRANSPORTER	Transporter 1 Printed/Typed Name <b>William Rowell</b>			Signature <i>[Signature]</i>		Month <b>3</b>	Day <b>22</b>	Year <b>08</b>
	Transporter 2 Printed/Typed Name			Signature		Month	Day	Year
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H129</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name			Signature		Month	Day	Year	



WORLD RESOURCES COMPANY

ARIZONA RECYCLING FACILITY

*In partnership with the environment*

**LDRN**

**LAND DISPOSAL RESTRICTION NOTICE**

A copy of this Notice must be retained by the generator for at least three (3) years pursuant to U.S. EPA regulations, 40 CFR §268.7(a)(8). Moreover, the generator should check the hazardous-waste regulations of its own state, because if there is a state analogue to the federal regulation, it may require longer retention time, such as five (5) years. It should also be noted that the federal regulation (and, typically, a state analogue as well) requires the retention period to be extended in specified cases.

**TO:** World Resources Company  
8113 West Sherman Street  
Tolleson, AZ 85353

**FROM:** Alaskan Copper Works  
(Company Name)  
3200 Sixth Avenue South  
(Address)  
Seattle, WA 98124  
(Phone)

**Manifest Number:** 002544961 JJK

**Date of Shipment:** 5-22-08

This shipment of material is subject to the land disposal restrictions of 40 CFR Part 268. The applicable Land Disposal Restriction Information is provided in accordance with 40 CFR §268.7(a)(2) and is shown below:

EPA Material Number	Treatability Group	CFR Reference for Treatment Standards
F006	Non-wastewater	40 CFR §268.40

  
(Signature)

Gerald A. Thompson  
(Printed Name)

ENVIRONMENTAL Asst.  
(Title)

# Material Safety Data Sheet

MSDS ID # AZ-10-D

F006 Recyclable Material (Filter Cake)

Recycler:

**World Resources Company**

8113 West Sherman Street

Tolleson, AZ 85353

Tel: (602) 233 9166 Fax: (623) 936 9164

January 2007 DLS

Call CHEMTREC only in the event of  
emergencies during shipping that  
involve a spill, leak, fire or accident  
(all calls are recorded)

For Emergencies During Shipping in  
the US or Canada, Day or Night,

Call: **CHEMTREC 800-424-9300**

Use CHEMTREC Company Code "WRRR"

From other countries call: 703-527-3887

## Section 1

## Material Identification

**EPA Waste Classification:** F006**Generic Name:** Electroplating/Metal-Finishing Wastewater Treatment Sludge**Chemical Family:** Metallic (Hydroxide) Precipitates**Synonym:** Non-ferrous Metal Hydroxide Filter Cake**DOT Shipping Name:** RQ, Hazardous waste solid, n.o.s. (F006)**DOT Hazard Class:** 9**DOT Packing Group:** III**DOT Identification Number:** NA 3077

Guide 171 of the North American Emergency Response Guidebook Applies

## Section 2

## Hazardous Ingredients

Ingredient:	CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):
Copper Hydroxide	20427-59-2	0 - 30	1.0 mg(Cu)/m <sup>3</sup> (Dust)	LD-50 1,000 mg/kg
Nickel Hydroxide	12054-48-7	0 - 15	1.0 mg(Ni)/m <sup>3</sup> (Dust)	LD-50 1,500 mg/kg
Calcium Hydroxide	1305-62-0	0 - 15	5.0 mg/m <sup>3</sup> (Dust)	LD-50 7,340 mg/kg
Diatomite	61790-53-2	0 - 10	5.0 mg/m <sup>3</sup> (Dust)	LD-50 Not Determined

## Section 3

## Physical and Reactivity Data

<b>Description:</b> Solid, Clay-like, Gray/Green to Brown, Moisture ~ 30 - 80%	<b>Density:</b> 50 - 90 lbs/ft <sup>3</sup>	<b>Boiling Point:</b> Above 2,600°C
<b>Specific Gravity:</b> 2.5 to 3.5	<b>Incompatible Reactivity:</b> None Known	<b>Melting Point:</b> Above 1,800°C
<b>Solubility:</b> Insoluble in Water	<b>Vapor Pressure:</b> Insignificant	<b>pH:</b> 7.0 to 10.0
	<b>Stability:</b> Avoid Contact with Acids	<b>Odor:</b> Nil
		<b>Polymerization:</b> Will Not Occur

## Section 4

## Fire and Explosion Data

<b>Flashpoint:</b> Nonflammable	<b>Oxidation:</b> Non-oxidizing
<b>Special Firefighting Procedures:</b> None	<b>Explosive:</b> Non-explosive
<b>Decomposition (Due to Fire or Explosion):</b> None	

**NFPA**  
Fire Diamond

## Section 5

## Toxicity

<b>Listed Carcinogen Components:</b> Nickel	<b>Toxicology:</b> See Sec. 2	<b>Route of Entry:</b> Inhalation, Ingestion
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## Section 6

## Health Effects and First Aid

<b>Inhalation:</b>	Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.
<b>Ingestion:</b>	Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.
<b>Eyes:</b>	Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.
<b>Skin:</b>	Dust may irritate skin with prolonged contact. Wash with soap and water.
<b>Comments:</b>	Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body systems - blood, digestive, respiratory, liver, kidneys and skin.

## Section 7

## Precautions for Safe Handling

<b>Handling:</b>	Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.
<b>Storage:</b>	Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid inhalation or ingestion. Store in a dry area under cover to protect from rain.
<b>Spills:</b>	Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to World Resources Company at the above address.

## Section 8

## Control Measures

<b>Respiratory Protection:</b> NIOSH-MSHA approved respirators as required.	<b>Eye Protection:</b> Safety glasses recommended.
<b>Other Protective Equipment:</b> Coveralls are recommended, but not required.	<b>Hand Protection:</b> Gloves recommended.

## Section 9

## Generator's Verification

This MSDS describes the material listed in the attached Manifest #: <u>002544961 JJK</u>	
<b>Company Name:</b>	Alaskan Copper Works
<b>Company Address:</b>	3200 Sixth Avenue South, Seattle, WA 98124
<b>Telephone:</b>	206-382-8379
<b>Date:</b>	<u>5-22-08</u>
<b>Signature:</b>	

05/16/2008

**World Resources Company**

Page 1 of 1

Sent To: **Gerald Thompson**  
Company: **Alaskan Copper Works**  
Address: 3200 Sixth Avenue South

Phone: 206-382-8379  
Fax: 206-382-4309

From: **Transportation department**  
Company: **World Resources Company**  
Address: 8113 W. Sherman St.  
Tolleson, AZ 85353-4025

Phone: (800) 972-1955  
Fax: (800) 286-6804  
Fax in AZ: (623) 936-8102

**FAXED**  
*5/16/08*  
*APL*

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**Generator Notification**

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Take notice of the following information concerning the pickup of your material!

Carrier: SLT Expressway Inc  
Contact: Jennifer De Simone  
Phone: (602) 269-1600 ext 228  
EPA ID#: UTR 000007708

Pickup Date: 5/21/2008  
Quantity: 2 CF/BX  
Est. Weight: 2816 lbs.

*1282*  
*1585*  

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*2867*

Have the following documents and material completed and available prior to the scheduled pick up.

- A. Completed Manifest.
- B. Land Disposal Restriction Notice (LDRN) - retain the copies you may need for EPA or State environmental agency audits.
- C. Material Safety Data Sheet (MSDS) or a copy of the DOT Emergency Response Guide 171.
- D. INFOTRAC 24 hour Emergency Response Number (1-800-535-5053) in block #14 on the manifest.
- E. Material ready for shipping.



**NOTE:**

1. The company, named above, agrees to inform WRC in advance of any changes in its process that would render the Recyclable Material's description on the then-current profile sheet materially inaccurate or incomplete.
2. When shipping multiple waste streams from the same physical plant, on the same calendar date, in the same transport vehicle, please mark the top of the IBC with the appropriate symbol (i.e. A2, B2, B3, etc.) to indicate the waste stream. For bulk bins, indicate by marking the waste stream on the hazardous waste label.

Please direct any questions or concerns to the Transportation department (ext. 2205) at: (800) 972-1955.

As always... Thank you for your business!



REQUESTED BY 	DATE 5/20/08	APPROVED BY 	DATE 5/20/08
<input checked="" type="checkbox"/> HERE FOR RETURN OF YELLOW COPY		TO BE FILLED IN BY PURCHASING DEPT.	
PURPOSE OR USE Recycling		P.O. NUMBER M 118599	
DELIVERY NEEDED BY		VENDOR World Resources	
SHIP TO ADDRESS 628 S. HANDED ST		CONTACT	TELEPHONE NO.
SUGGESTED VENDOR World Resources		DELIVERY PROMISED	SHIP VIA

[illegible]

DATE \_\_\_\_\_

DATE \_\_\_\_\_

TO BE FILLED IN BY PURCHASING DEPT.

P.O. NUMBER

VENDOR

## CONTACT

**DELIVERY  
PROMISED**

TELEPHONE  
NO. \_\_\_\_\_

SHIP VIA



7 Annul  
602-269-1600 X245